



ZENITH SF Series Flotation Cell features and technical data

ZENITH is one of the biggest manufacturers in aggregate processing machinery for the sand & gravel, quarry, mining, construction and recycling industries. Headquarter of ZENITH is located in Shanghai, China and now we have two manufacturing bases as our strong support. The equipment includes crusher, mobile crusher, conveyor, screening machine, sand washing machine, track mounted mobile crusher, crushing equipment, mill equipment, complete aggregate crushing equipment, **beneficiation equipment**, jaw crusher, cone crusher, impact crusher, complete quarry equipment, and so on. We will provide the right equipment according to the customer's requirements, and help customers to choose the location of the production line, equipment installation, training of workers, as well as on-site help and after-sales service.

This is ZENITH **SF Series Flotation Cell** features and technical data:

SF Series Flotation Cell Features

1. Large air suction amount, low power consumption
2. Horizontal arrangement, no foam pump required
3. Low peripheral velocity of the impeller, long service life of the impeller cover plate
4. Upper and lower double circulation of the ore pulp in a fixed way, which is conducive to the suspension of coarse grain minerals



SF Series Flotation Cell Technical Data

Model	Effective Volume (m ³)	Size of Tank (L x W x H) (mm)	Diameter of Impeller (mm)	Impeller Speed (r/min)	Capacity (m ³ /min)	Motor Capacity (kw)	Air flow sucked (m ³ /m ² min)	Weight of single tank (kg)
SF-0.15	0.15	500x500x600	200	536	0.06-0.18	1.5/0.55	0.8-1	269
SF-0.37	0.37	700x700x750	296	386	0.2-0.4	1.5/0.05	0.8-1	468
SF-0.7	0.7	820x900x950	350	400	0.3-0.9	3/1.1	0.8-1	805
SF-1.2	1.2	1100x1100x1100	450	312	0.6-1.2	5.5/1.1	1-1.2	1373
SF-2.8	2.8	1700x1600x1150	550	268	1.5-3.5	11/1.5	1-1.2	2138
SF-4	4	1850x2050x1200	650	220	2-4	15/1.5	1-1.2	2582
SF-8	8	2200x2900x1400	760	191	4-8	30/1.5	0.9-1	4129
SF-10	10	2200x2900x1700	760	191	5-10	30/1.5	0.9-1	4486
SF-16	16	2850x3800x1700	760	191	5-16	30x2/1.5	0.9-1	8320
SF-20	20	2850x3800x2000	760	191	5-20	30x2/1.5	0.9-1	9828